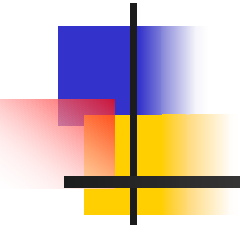


FNAL Off-Site Access



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February 19, 2003



Off-Site Access Network Projects

- Migration of MREN-connected sites to using ESnet OC12 link completed
 - Still working on optimal failover mechanism for those sites
- Border router traffic projects:
 - Off-site network traffic breakdown by experiment done
 - ➔ Working on finer granularity breakdown - protocols, subnets, ?
 - Auto-blocker development activities continue:
 - ➔ Working on automated analysis & notification procedures for outbound blocks



Off-Site Access Network Projects (cont)

■ VPN support project:

- Pilot project testing & evaluation continues
- Finalizing support model in anticipation of service rollout
 - ➔ Deployed authentication mechanism still an issue
 - ➔ Modifications likely needed to MISCOMP for VPN use registration
- Intend to couple release with changes to dial-in support:
 - ➔ Block off-site access to dial-in users
 - ▢ FNAL shouldn't be used as an ISP!!!
 - ➔ Require Radius (TACACs replacement) authentication
 - ▢ No unauthenticated dial-in!!!